



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

*** *** ***



AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

Case Vehicle (A): 2000 Dodge
 Type: Dakota SLT, 4 x 4, 2-door pickup
 Driver: 42-year-old female
 CDC: 12-FREE-9

Veh. (B): 1984 Ford
 Type: F-250, 4 x 4, 2-door pickup
 Driver: unoccupied
 CDC: 99-0000-0

SITUATION

(Slide 1) It was daytime, the sky was clear, and the two-lane asphalt road was dry and free of defects. (Slide 2) Case vehicle (A) was traveling east at an unknown speed in the eastbound lane, and vehicle (B) was parked and unoccupied straddling the shoulder of the road in front of case vehicle (A). The driver of case vehicle (A), who is a rural mail carrier, was sitting to the right of center in the front seat, steering with her left hand and operating the pedals with her left foot. She reportedly missed the brake pedal and put her foot on the gas pedal by mistake. Case vehicle (A) accelerated, and struck the rear of vehicle (B) with its right front. The driver of case vehicle (A) was taken by ambulance to a local hospital where she was treated and released. Case vehicle (A) was towed due to damage. Vehicle (B) was able to be driven away from the scene.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slide 3) Damage to case vehicle (A) was moderate. Direct damage began at the right-front bumper corner and extended 23 cm to the left, resulting in 19-percent vehicle overlap. The maximum crush was 28 cm at the right-front bumper corner. (Slide 4) Direct contact damage also extended 219 cm down the right side.

Using the WinSMASH accident-reconstruction program, and a (slides 5, 6, 7 and 8) crush profile measured for case vehicle (A), the following impact severity was calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	17 (10)	-17 (-10)	0 (0)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

In the front, (slide 9) the right headlight assembly, the right side of the grille, hood, (slide 10) and engine compartment, and (slides 11 and 12) both hood hinges were damaged. (Slide 13) The

hood latch was damaged and jammed closed. The hood was pried open by rescue or towing personnel separating the latch from the hood while the latch remained engaged. (Slide 14) The rear edge of the hood was elevated, (slide 15) and it contacted, cracked, and penetrated the lower-right edge of the windshield. (Slide 16) The upper right portion of windshield was cracked from contact by the occupant, the deploying passenger airbag, or an interior loose object.

(Slide 17) On the right side, the fender was disintegrated, and the upper and lower A- and B-pillars, the door, (slide 18) the roof siderail, the upper C-pillar, and the quarter panel were damaged. The right door was jammed closed. The right-door window glass was broken. (Slide 19) The right wheelbase was reduced 5 cm.

On the left side, (slide 20) the fender displayed some minor induced buckling. (Slide 21) The left-rear window was broken out. (Slide 22) The left-rear tire was flat and de-beaded from the rim, probably due to post-impact rotation of the vehicle. (Slide 23) There was no change in the left wheelbase.

(Slide 24) There was no damage to the rear of the vehicle.

Interior

This vehicle was equipped with steering-wheel and passenger frontal-impact airbags, and (slides 25, 26 and 27) both deployed. (Slides 28 and 29) There was no damage to the steering-wheel or passenger airbag module covers. (Slides 30 and 31) There was no damage to the steering-wheel rim or (slide 32) spokes. (Slide 33) The right upper A-pillar, (slide 34) the roof siderail, the head liner, the roof structure, and (slide 35) the right-front door interior and hardware were damaged. (Slides 36, 37, 38, 39 and 40) There was no other interior damage and there were no measurable intrusions.

OCCUPANT KINEMATICS AND INJURIES

(Slide 41) The 5-ft, 7-in, 178-lb, 42-year-old female driver was not wearing the three-point belt, and the frontal-impact airbag deployed. (Slide 42) There were no webbing imprints on the plastic D-ring, (slide 43) or scratches on the metal latch plate of the driver three-point belt system. The driver was delivering mail at the time of the crash and she was seated in a right-

center seating position, using her left foot to operate the brake and gas pedals, and steering the vehicle with her left hand.

On impact, the driver moved forward and to the right relative to the vehicle interior, into the (slide 44) passenger airbag, (slide 45) the right door, the right upper A-pillar, and (slide 46) windshield. She sustained a contusion to the lateral aspect of the right forearm near the elbow, probably from contact with the handhold on the upper A-pillar, (slide 47) as evidenced by the deformed plastic and the short hairs stuck to the handhold. She sustained a contusion and dislocation of the right fourth digit, probably from hand contact with the windshield caused by airbag fling, as evidenced by the spider-web pattern of damage near the right edge of the windshield. She sustained a contusion to the lateral aspect of her right mid thigh, probably from contact with the interior door panel, (slide 48) as evidenced by the broken plastic and indentation, or possibly from contact with the glove box, (slide 49) as evidenced by the scuff mark.

The following table and attached drawing (slide 50) summarizes the injuries for the driver of case vehicle (A).

Occupant: Driver

Age: 42 years

Gender: Female

Restraints: 3-point belt not worn; frontal-impact airbag deployed

Stature: 170 cm (5 ft, 7 in)

Mass: 81 kg (178 lb)

Note: Driver is a rural postal mail carrier and she was sitting in the right-center seat area with her left foot operating the brake and gas pedals.

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusion, lateral aspect of the right forearm near the elbow	1		Hand hold on upper right A-pillar	
Contusion and dislocation of 4 th digit of the right hand	1		Windshield (airbag fling)	
Contusion, lateral aspect of right mid thigh	1		Right door interior hardware	Glove box
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>2</u>			

Duplicate columns 1-8
from the previous card.

Module G 1 Format 0 2
9 10 11 12

GENERAL INFORMATION GI-1

TIME

DATE OF COLLISION

 / /
m m d d y y y y

HOUR OF COLLISION

(24 HOUR CLOCK)

21 24

ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO
(1) YES
(9) UNKNOWN

0

33

ROAD ALIGNMENT
VERTICAL PLANE

- (1) LEVEL
(2) CREST OF HILL
(3) SLOPE (2%)
(4) BOTTOM OF HILL
(9) UNKNOWN

1

34

ROAD ALIGNMENT
HORIZONTAL PLANE

- (1) STRAIGHT
(2) CURVE
(3) T - SHAPED
(4) Y - SHAPED
(7) OTHER:
(9) UNKNOWN

1

35

SURFACE COVERING

- (10) DRY

(21) WATER - DAMP
(22) WATER - WET
(23) WATER - PUDDLED
(29) WATER - AMOUNT UNKNOWN

(31) SNOW - LOOSE
(32) SNOW - PACKED
(39) SNOW - CONDITION UNKNOWN

(41) ICE
(51) SLUSH
(61) SPILLED GRAVEL
(71) OTHER:
(99) UNKNOWN

1 0

36 37

ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO
(1) YES
(9) UNKNOWN

0

28

ROAD, TOTAL TRAFFIC LANES
(FOR CASE VEHICLE)

- (1) 1-LANE
(2) 2-LANES
(3) 3-LANES
(4) 4 OR MORE LANES
(5) DIVIDED, 4 OR MORE LANES
(6) PARKING LOT/DRIVEWAY
(7) OTHER:
(9) UNKNOWN

2

29

INTERSECTING RD, TOTAL LANES

CHOOSE FROM ABOVE LIST, OR

- (8) NOT APPLICABLE

8

30

TYPE OF ROAD SURFACE

- (1) ASPHALT
(2) CONCRETE
(3) GRAVEL
(4) MORE THAN ONE (CIRCLE EACH)
(7) OTHER:
(9) UNKNOWN

1

31

ROAD DEFECTS

- (0) NO
(1) YES
(9) UNKNOWN

0

32

VISIBILITY LIMITATION
(FOR CASE VEHICLE)

- (0) NONE
(1) CLOUDY/DARK
(2) FOG
(3) SMOKE
(4) WINDSHIELD CONDITION
(5) GLARE
(6) RAIN
(7) OTHER:
(8) ICE/SNOW
(9) UNKNOWN

0

38

VISIBILITY OBSTRUCTION
(FOR CASE VEHICLE)

- (0) NONE
(1) BUILDING
(2) SIGN
(3) VEGETATION (E.G. BUSHES, SHRUBS)
(4) TREE
(5) HILL OR CURVE IN ROAD
(6) VEHICLE IN TRANSPORT
(7) OTHER:
(8) PARKED VEHICLE
(9) UNKNOWN

0

39

ENVIRONMENTAL CONDITIONS

SPEED LIMIT

- (0) 5-45 km/h 5-25 mph
(1) 46-55 30
(2) 56-60 35
(3) 61-70 40
(4) 71-79 45
(5) 80-85 50
(6) 86-90 55
(7) 91-105 60
(8) OVER 105 65
(9) UNKNOWN

PRECIPITATION

- (0) NONE
(1) RAIN
(2) SNOW
(3) HAIL
(4) FREEZING RAIN/SLEET
(7) OTHER: _____
(9) UNKNOWN

RATE OF PRECIPITATION

- (1) LIGHT/MIST
(2) MODERATE
(3) HEAVY
(8) NOT APPLICABLE
(9) UNKNOWN

TEMPERATURE

- (0) BELOW -15° C BELOW 5° F
(1) -15 TO -6 5 TO 22
(2) -5 TO -1 23 TO 31
(3) 0 TO 2 32 TO 36
(4) 3 TO 5 37 TO 41
(5) 6 TO 15 42 TO 59
(6) 16 TO 25 60 TO 77
(7) 26 TO 35 78 TO 95
(8) OVER 35 OVER 96
(9) UNKNOWN

CROSSWIND

- (0) NONE
(1) LIGHT
(2) STRONG
(3) GUSTY & STRONG
(9) UNKNOWN

LIGHT CONDITIONS

- (1) DAYLIGHT
(2) DAWN
(3) DUSK
(4) DARK, LIGHTED
(5) DARK, UNLIGHTED
(6) DARK, UNKNOWN IF LIGHTED
(9) UNKNOWN

MECHANICAL MALFUNCTION

WAS THERE MENTION
OF A MECHANICAL MALFUNCTION
IN CASE VEHICLE

- (0) NO
(1) YES
(2) YES, DID NOT CONTRIBUTE
TO ACCIDENT
(9) UNKNOWN

THE FOLLOWING SECTION SHOULD BE FILLED
OUT IF A MECHANICAL MALFUNCTION IS
RECOGNIZED OR SUSPECTED.

CIRCLE ITEMS INVOLVED. SUPPORT ANY
ITEMS CIRCLED WITH COMMENTS.

BRAKE SYSTEM	DRIVER CONTROLS
EXHAUST SYSTEM	POWER TRAIN
STEERING SYSTEM	FUEL SYSTEM
SUSPENSION SYSTEM	VISIBILITY ITEMS
ELECTRICAL SYSTEM	TIRES
THROTTLE CONTROLS	UNKNOWN

OTHER: _____

COMMENTS: _____

CRASH DETAILS

CASE VEHICLE AND OBJECT

- (0) NO
(1) YES
(9) UNKNOWN

0
47

CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER
(1) YES, FIRST EVENT
(2) YES, SUBSEQUENT EVENT
(3) YES, SEQUENCE UNKNOWN
(9) UNKNOWN

0
48

CASE VEHICLE RAN OFF ROADWAY
(BEFORE FIRST IMPACT)

- (0) NO
(1) YES
(9) UNKNOWN

0
49

MOVING CASE VEHICLE AND
CONTACTED MOVING VEHICLE

- (0) NO
(1) YES
(9) UNKNOWN

0
50

CASE VEHICLE AND
CONTACTED STOPPED VEHICLE

- (0) NO
(1) YES
(9) UNKNOWN

1
51

STOPPED CASE VEHICLE AND
CONTACTED VEHICLE

- (0) NO
(1) YES
(9) UNKNOWN

0
52

TOTAL NUMBER
OF VEHICLES CONTACTED
BY CASE VEHICLE IN CRASH

- (8) 8 OR MORE
(9) UNKNOWN

1
53

ANY FIRE IN THIS CRASH
(NOT JUST CASE VEHICLE)

- (0) NO
(1) YES
(9) UNKNOWN

0
54

HIGHEST POLICE INJURY
SEVERITY CODE IN CRASH
(NOT JUST CASE VEHICLE)

- (0) O - NO INJURY
(1) C - POSSIBLE INJURY
(2) B - NON-INCAPACITATING INJURY
(3) A - INCAPACITATING INJURY
(4) K - FATAL
(5) INJURED, SEVERITY UNKNOWN
(6) DIED PRIOR TO ACCIDENT
(7) NON-FATAL INJURY
SEVERITY UNKNOWN
(9) UNKNOWN

2
55

DRIVER IMPAIRMENT

DRIVER ALCOHOL INVOLVEMENT
(CASE VEHICLE)

- (0) NONE
(1) YES
(9) UNKNOWN/NOT REPORTED/
NO DRIVER

0
56

DRIVER ALCOHOL BAC
(CASE VEHICLE)

- (80) NO TEST
(90) CHEMICAL TESTS, NO RESULTS
(95) AUTOPSY, NO RESULTS
(99) UNKNOWN

80
57 58

WAS THERE MENTION OF DRIVER
IMPAIRMENT FOR CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

0
59

LIST IMPAIRMENTS MENTIONED:

POST - CRASH DETAIL

MANNER CASE VEHICLE
LEFT SCENE

- (1) DRIVEN
(2) TOWED DUE TO DAMAGE
(3) TOWED, NOT DUE TO DAMAGE
(4) TOWED, REASON UNKNOWN
(9) UNKNOWN

2
60

ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: Case vehicle (A) was traveling east and struck the rear of vehicle (B) with its right-front.

CASE VEHICLE (A): 2000 Dodge Dakota PU

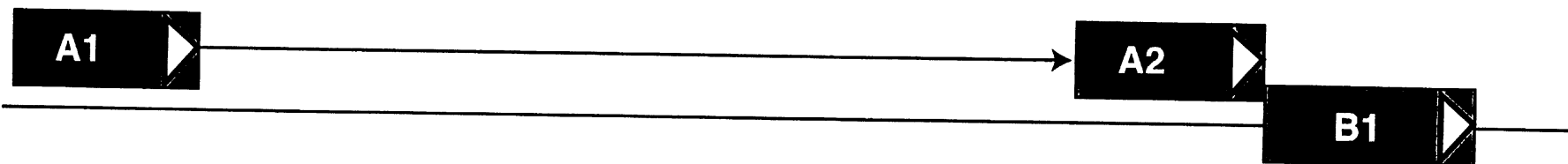
OTHER VEHICLE (B): 1981 Ford F250 PU

THIRD VEHICLE (C): _____



NORTH

Speed Limit 25



Duplicate columns 1-8
from the previous card.

Module 0 V Format 0 4
9 10 11 12

OTHER VEHICLE OV-1

MAKE: Ford

CARGO: _____

MODEL: F250 4x4, Super Cab pickup

VIN 1 F T H X 2 6 1 7 E K [REDACTED]

MANUFAC/BODY CODE 1 2 1 1 2
30 34

MAKE/MODEL CODE 3 1 0 9
38

MODEL YEAR 1 9 8 4
39 42

VEHICLE MASS (kg) 0 0 2 4 9 9
43 48

IF SEPARATE REPORT WAS MADE,
GIVE VEHICLE NUMBER 0

NUMBER OF OCCUPANTS 0 0
(ENTER 9'S IF UNKNOWN) 51

TRAVELING SPEED (km/h) 0 0 0
54

- (000) PARKED OR STOPPED
(995) JUST STARTING UP
(996) BACKING UP
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
(998) SPEED EXCESSIVE (BUT UNKNOWN)
(999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY
CODE FOR THIS VEHICLE

- (0) O - NO INJURY
(1) C - POSSIBLE INJURY
(2) B - NON-INCAPACITATING INJURY
(3) A - INCAPACITATING INJURY
(4) K - FATAL
(5) INJURED, SEVERITY UNKNOWN
(6) DIED PRIOR TO ACCIDENT
(7) NON-FATAL INJURY
SEVERITY UNKNOWN
(8) UNOCCUPIED VEHICLE
(NOT APPLICABLE)
(9) UNKNOWN

8
55

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
(03) LIMOUSINE
(17) PICKUP CAR
(20) UNKNOWN PASSENGER VEHICLE BODY
(24) SUB-MINI
(25) MINI
(26) SUB-COMPACT
(27) COMPACT
(28) INTERMEDIATE
(29) FULL

1 2
56 57

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
(15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER
(17) PICKUP CAR WITH CANOPY/SHELL COVER
(21) MOTOR HOME
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER
(23) PICKUP CAR WITH SLIDE-IN CAMPER
(31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN
(12) PICKUP TRUCK
(13) UNKNOWN LIGHT TRUCK
(15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER
(30) UNKNOWN TRUCK TYPE
(31) CHASSIS-MOUNTED CAMPER
(33) DELIVERY VAN (WALK-IN)
(34) STRAIGHT TRUCK
(35) TRUCK-TRACTOR (BOBTAIL)
(36) CHASSIS-CAB
(37) UNKNOWN HEAVY TRUCK
(38) TRACTOR & SEMI-TRAILER (SEMI)
(39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
(41) SCHOOL BUS
(42) INTERCITY BUS (BETWEEN CITIES)
(43) TRANSIT BUS (INTRACITY)
(44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)
(69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm)
(999) UNKNOWN

3 9 4
58 59 60

Duplicate columns 1-8
from the previous card.

Module 0 V Format 0 2
9 10 11 12

OTHER VEHICLE OV-2

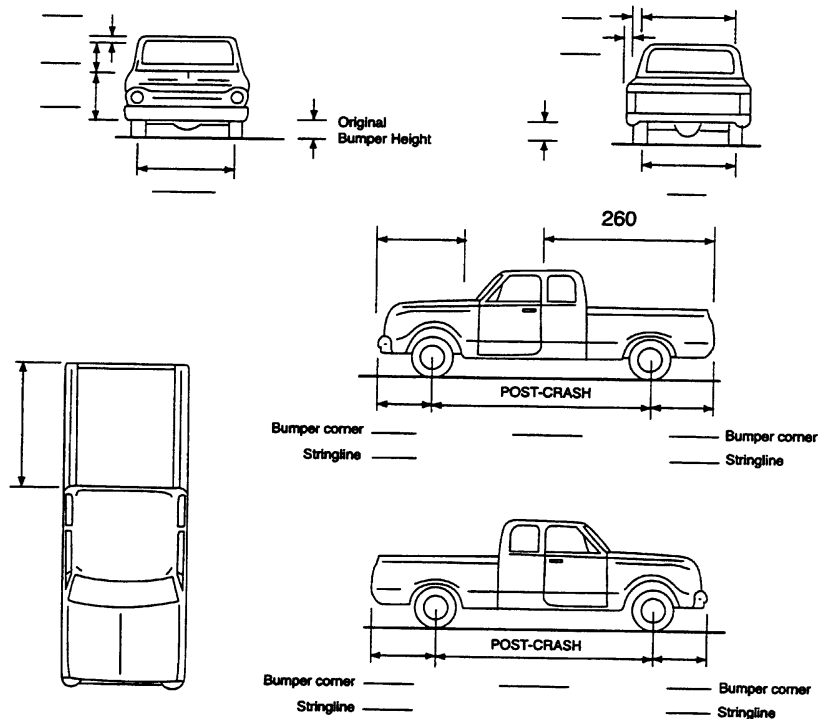
ORIGINAL SPECIFICATIONS

Wheelbase	<u>394</u> cm	Front Overhang	<u>073</u> cm
			²² ²⁴
Curb Weight	<u>2499</u> kg	Rear Overhang	<u>118</u> cm
			²⁵ ²⁷
Average Track Width	<u>999</u> cm	Undeformed End Width (UEW)	<u>185</u> cm
	¹³ ¹⁵		²⁸ ³⁰
Overall Length	<u>585</u> cm	Engine Displacement	<u>6.9</u> L
	¹⁶ ¹⁸		³¹ ³²
Overall Width (OAW)	<u>196</u> cm	Engine: # of Cylinders	<u>08</u>
	¹⁹ ²¹		³³ ³⁴

VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS

This vehicle was able to be driven away from the accident scene and was not inspected



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

999 cm
³⁵ ³⁷

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$

99 %
³⁸ ³⁹

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$

99 %
⁴⁰ ⁴¹

Duplicate columns 1-8
from the previous card.

Module V D Format 0 4
9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: Dodge
MODEL: Dakota S&T 4x4, Club cab PU

CARGO: Mail

VIN 1 B 7 G G 2 2 N 1 Y S
13 29

MANUFAC/BODY CODE 1 3 2 1 2
30 34

MAKE/MODEL CODE 3 2 2 5
38

MODEL YEAR 2 0 0 0
39 42

VEHICLE MASS (kg) 0 0 1 9 0 1
43 48

ODOMETER (km)
(ENTER 9'S IF UNKNOWN) 8 8 8 8 8 8
(ENTER 8'S IF ELECTRONIC) 49 54

NUMBER OF OCCUPANTS 0 1
(ENTER 9'S IF UNKNOWN) 56

TRAVELING SPEED (km/h) 9 9 9
59

- (000) PARKED OR STOPPED
(995) JUST STARTING UP
(996) BACKING UP
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
(998) SPEED EXCESSIVE (BUT UNKNOWN)
(999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
(12) 2-DOOR SEDAN OR COUPE
(ANY UPPER B-PILLAR)
(13) 4-DOOR HARDTOP
(14) 4-DOOR SEDAN
(15) STATION WAGON
(16) CONVERTIBLE
(18) OTHER PASS. VEH. :
(19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
(22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
(23) VAN, SIZE UNKNOWN
(24) VAN, SMALL (MINI)
(25) VAN, LARGE
(29) MPV, TYPE UNKNOWN
(30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN
(32) PICKUP TRUCK, SMALL (DOWNSIZED)
(33) PICKUP TRUCK, LARGE

(99) UNKNOWN

STOLEN VEHICLE

- (0) NO
(1) YES
(8) NOT COLLECTED
(9) UNKNOWN

8
62

BODY STRUCTURE

- (1) BODY & FRAME
(2) UNITIZED
(3) INTEGRAL-STUB FRAME
(4) BODY & PLATFORM FRAME
(E.G. VW BUG)
(5) PARTIALLY UNITIZED
(7) OTHER:
(9) UNKNOWN

1
63

TRANSMISSION

- (0) NONE
(1) AUTOMATIC
(2) MANUAL
(9) UNKNOWN

1
64

LOCATION OF TRANSMISSION SELECTOR LEVER

- (1) FLOOR
(2) CONSOLE
(3) COLUMN
(7) OTHER:
(9) UNKNOWN

3
65

STEERING

- (1) POWER
(2) MANUAL
(9) UNKNOWN

1
66

BRAKES

- (1) POWER
(2) MANUAL
(9) UNKNOWN

1
67

TYPE OF BRAKES

- (1) DRUM, ALL WHEELS
- (2) DISC, FRONT WHEELS
- (3) DISC, ALL WHEELS
- (9) UNKNOWN

2
68

WHEELBASE (cm)
(999) Unknown

333
76 77 78

BRAKE ANTI-LOCK DEVICE

- (0) NONE INSTALLED
- (1) TWO-WHEEL
- (2) FOUR-WHEEL
- (7) EQUIPPED, UNKNOWN WHEELS
- (9) UNKNOWN

0
69

PLASTIC ANTI-LACERATIVE
INNER LAYER GLASS EQUIPPED

- (0) NONE
- (1) WINDSHIELD
- (2) WINDSHIELD AND SIDE
- (7) OTHER
- (9) UNKNOWN

0
79

AIR CONDITIONING IN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

8
70

TYPE OF DRIVE

- (1) REAR WHEEL
- (2) FRONT WHEEL
- (3) FOUR WHEEL
- (4) ALL WHEEL DRIVE
- (9) UNKNOWN

3
71

FIELD INVESTIGATOR INSTRUCTIONS:

1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.
2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.
3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.
4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.

EXAMPLES:

DUAL REAR WHEELS

- (0) NO
- (1) YES
- (9) UNKNOWN

0
72

ORIGINAL TYPE
OF RESTRAINT SYSTEM

- (1) ACTIVE BELT
- (2) PASSIVE BELT
- (3) AIRBAG
- (4) KNEE BOLSTERS
- (7) OTHER: _____
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

3
73

EQUIPPED WITH ROLL BAR

- (0) NO
- (1) YES
- (9) UNKNOWN

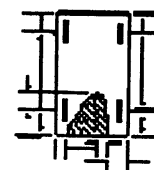
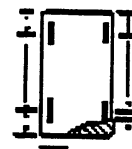
0
74

TYPE OF ROOF

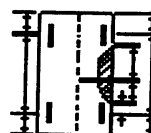
- (0) NONE
- (1) SOLID
- (2) T-TOP CLOSED
- (3) T-TOP OPEN
- (4) SUN ROOF CLOSED
- (5) SUN ROOF OPEN
- (6) CONVERTIBLE CLOSED
- (7) CONVERTIBLE OPEN
- (8) OTHER: _____
- (9) UNKNOWN

1
75

FRONT OR REAR



SIDE



ROOF (REFERENCE TO
TOP OF DOOR SILL
OR WINDOW SILL)



Duplicate columns 1-8
from the previous card.

Module V D Format 0 2
9 10 11 12

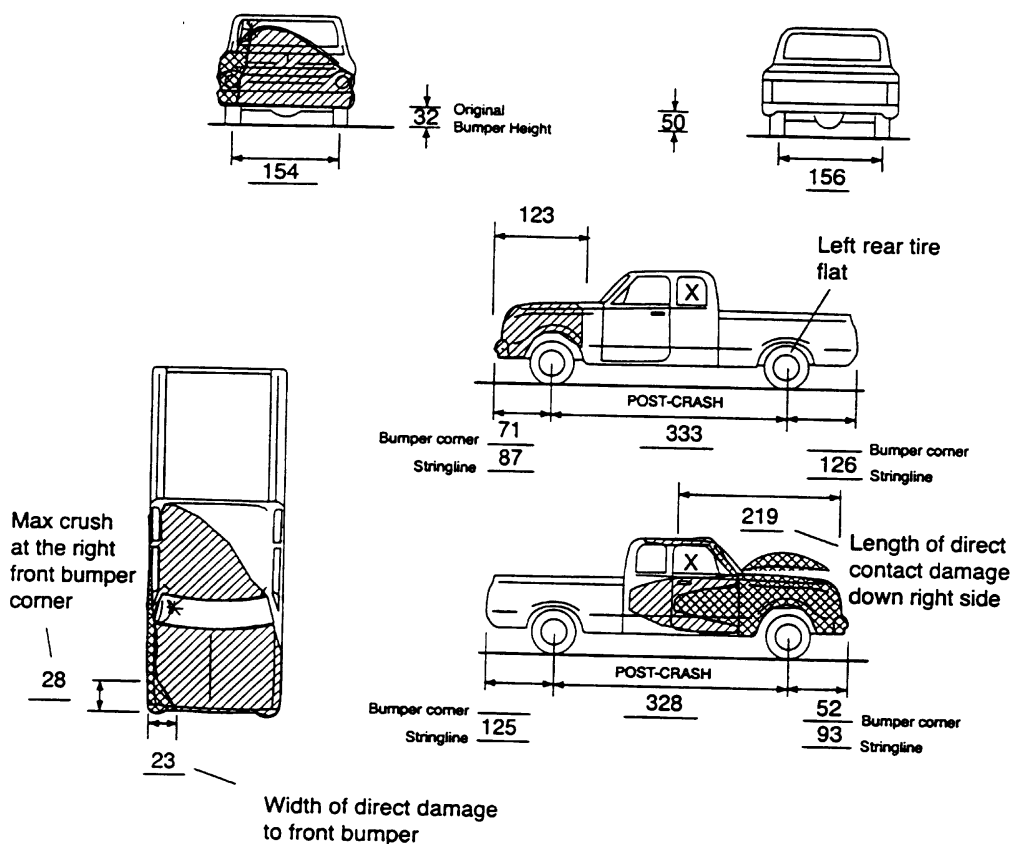
VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase	<u>333</u> cm	Front Overhang	<u>0</u> <u>8</u> <u>7</u> cm 22 24
Curb Weight	<u>1901</u> kg	Rear Overhang	<u>1</u> <u>2</u> <u>6</u> cm 25 27
Average Track Width	<u>1</u> <u>5</u> <u>5</u> cm 13 15	Undeformed End Width (UEW)	<u>1</u> <u>6</u> <u>0</u> cm 28 30
Overall Length	<u>5</u> <u>4</u> <u>6</u> cm 16 18	Engine Displacement	<u>4</u> <u>7</u> L 31 32
Overall Width (OAW)	<u>1</u> <u>8</u> <u>2</u> cm 19 21	Engine: # of Cylinders	<u>0</u> <u>8</u> 33 34

VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 0 2 3 cm
35 37

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ 1 4 %
38 39

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ 1 9 %
40 41

Duplicate columns 1-8
from the previous card.

Module D A Format 0 2
9 10 11 12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>1</u> 13	
IMPACT SPEED (km/h)	<u>999</u> 14 15 16	<u>999</u> 35 36 37
ESTIMATED BY	<u>1</u> 17	<u>1</u> 38
CRUSH (cm)	<u>028</u> 18 19 20	<u>999</u> 39 40 41
CDC #1	<u>12-FREE-9</u> 21 27	<u>99-00000-0</u> 42 48
CDC #2	<u>98-00000-0</u> 28 34	<u>99-00000-0</u> 49 55

Duplicate columns 1-8
from the previous card.

Module D A Format 0 3
9 10 11 12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>8</u> 13	
IMPACT SPEED (km/h)	<u> </u> 14 15 16	<u> </u> 35 36 37
ESTIMATED BY	<u> </u> 17	<u> </u> 38
CRUSH (cm)	<u> </u> 18 19 20	<u> </u> 39 40 41
CDC #1	<u> </u> - <u> </u> - <u> </u> - <u> </u> 21 27	<u> </u> - <u> </u> - <u> </u> - <u> </u> 42 48
CDC #2	<u> </u> - <u> </u> - <u> </u> - <u> </u> 28 34	<u> </u> - <u> </u> - <u> </u> - <u> </u> 49 55

CODES

EVENT NUMBER

- (8) NOT APPLICABLE
(9) UNKNOWN

IMPACT SPEED

- (998) NOT APPLICABLE
(999) UNKNOWN

IMPACT SPEED ESTIMATOR

- (1) INVESTIGATOR
(2) DRIVER
(3) POLICE
(4) "CRASH" PROGRAM
(5) OTHER COMPUTER PROGRAM
SPECIFY: _____
(7) OTHER: _____
(8) NOT APPLICABLE
(NO VEHICLE/NO IMPACT)

CRUSH

- (998) NOT APPLICABLE
(NO VEHICLE/DAMAGE)
(999) UNKNOWN

CDC

- (9800000) NOT APPLICABLE
(9900000) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module D A Format 0 1
9 10 11 12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 0 2 8
13 15

RIGHT SIDE 0 0 0
16 18

REAR 0 0 0
19 21

LEFT SIDE 0 0 0
22 24

ROOF 0 0 0
25 27

OTHER 0 0 0
28 30

CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER?

1
31

(0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>1</u> 32	<u>14</u> 34	<u>12</u> 36
#2	<u> </u> 37	<u> </u> 39	<u> </u> 41
#3	<u> </u> 42	<u> </u> 44	<u> </u> 46
#4	<u> </u> 47	<u> </u> 49	<u> </u> 51
#5	<u> </u> 52	<u> </u> 54	<u> </u> 56
#6	<u> </u> 57	<u> </u> 59	<u> </u> 61
#7	<u> </u> 62	<u> </u> 64	<u> </u> 66

CODES FOR
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZEWHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

- Duplicate columns 1-8
from the previous card.

Module C R Format 0 1
9 10 11 12

CRASH RECONSTRUCTION CR-1

for ΔV

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13		<u>47</u>	
ΔV (km/h) TOTAL	<u>9</u> — 14 15 16	<u>9</u> — 32 33 34	<u>48</u> <u>49</u> <u>50</u>	<u>66</u> <u>67</u> <u>68</u>
LONGITUDINAL*	<u>9</u> — 17 — 20	<u>9</u> — 35 — 38	<u>51</u> — — <u>54</u>	<u>69</u> — — <u>72</u>
LATERAL*	<u>9</u> — 21 — 24	<u>9</u> — 39 — 42	<u>55</u> — — <u>58</u>	<u>73</u> — — <u>76</u>
*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = ± 010 -7 km/h = -007				
ENERGY DISSIPATED BY CRUSH (kj)	<u>9</u> — 25 — 28	<u>9</u> — 43 — 46	<u>59</u> — — <u>62</u>	<u>77</u> — — <u>80</u>
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>1</u> <u>2</u> 29 30		<u>63</u> <u>64</u>	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE	<u>5</u> 31		<u>65</u>	
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: _____				

Duplicate columns 1-8
from the previous card.

Module C R Format 0 2
9 10 11 12

CRASH RECONSTRUCTION CR-2

for EBS

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13		<u>47</u>	
EBS (km/h) TOTAL	<u>017</u> 14 15 16	<u>9</u> — 32 33 34	<u>48 49 50</u>	<u>66 67 68</u>
LONGITUDINAL*	<u>-017</u> 17 20	<u>9</u> — 35 38	<u>51 54</u>	<u>69 72</u>
LATERAL*	<u>+000</u> 21 24	<u>9</u> — 39 42	<u>55 58</u>	<u>73 76</u>
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = <u>+010</u> -7 km/h = <u>-007</u>				
ENERGY DISSIPATED BY CRUSH (kj)	<u>0025</u> 25 28	<u>9</u> — 43 46	<u>59 62</u>	<u>77 80</u>
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30		<u>63 64</u>	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE	<u>2</u> 31		<u>65</u>	
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>WINSMASH</u>				

- Duplicate columns 1-8 from the previous card.

Module C R Format 0 3
9 10 11 12

CRASH RECONSTRUCTION CR-3

NOTES:

1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

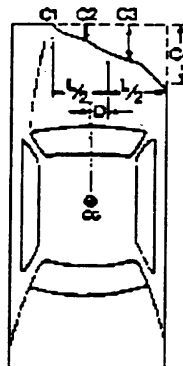
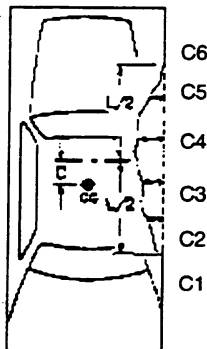
LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	Begin RT BC 23 cm to LT	Ft Bumper BC to BC

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other
- (9) Unknown



160 = UEL

DL 23

UDL 137

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

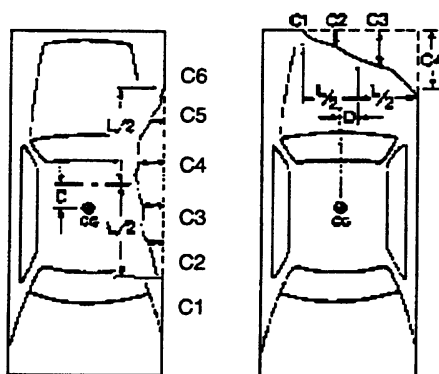
Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C_1	C_2	C_3	C_4	C_5	C_6	$\pm D$
		Length (DDL)	Max Crush								
1	1	23	41	148	16	7	6	8	12	41	+69
			-13		-13	-3	-1	-1	-3	-13	
1	1	023	028	148	003	004	005	007	009	028	+069
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

CRASH RECONSTRUCTION CR-4

OTHER VEHICLE LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L



(1) Bumper
(2) Above Bumper
(3) Sill
(4) Above Sill
(5) Other _____
(9) Unknown

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

[illegible]

Duplicate columns 1-8
from the previous card.

Module F T Format 0 1
9 10 11 12

FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL

- (1) GASOLINE
- (2) DIESEL OIL
- (3) LPG
- (4) ELECTRIC
- (7) OTHER: _____
- (9) UNKNOWN

1
13

AUXILIARY TANK TYPE

- (1) OEM TANK
- (2) AFTER MARKET TANK
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

8
21

MAIN TANK LOCATION

3 2 2
14 16

AUXILIARY TANK LOCATION

8 8 8
22 24

MAIN FILLER CAP LOCATION

3 1 3
17 19

AUXILIARY FILLER CAP LOCATION

8 8 8
25 27

MAIN TANK MATERIAL

1
20

AUXILIARY TANK MATERIAL

8
28

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F L Format 0 1
9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.

13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	14 15	—	—	—	— —	21
#2	22 23	—	—	—	— —	29
#3	30 31	—	—	—	— —	37
#4	38 39	—	—	—	— —	45
#5	46 47	—	—	—	— —	53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN
- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT
(LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT
(LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

0
13

(1) YES COMPLETE PAGE.

DID FIRE START IN CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

14

SEVERITY OF FIRE DAMAGE

- (1) MINOR
(2) MODERATE
(3) SEVERE
(9) UNKNOWN

16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE
(2) SLOW/MODERATE
(9) UNKNOWN

15

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO
(1) YES
(8) NOT APPLICABLE
(9) UNKNOWN

HOOD LATCH(ES)- -RELEASED

0
13

-DAMAGED

1
14

-JAMMED

1
15

HOOD HINGES- -LEFT, DAMAGED

1
16

-LEFT, SEPARATED
(COMPLETE)

0
17

-RIGHT, DAMAGED

1
18

-RIGHT, SEPARATED
(COMPLETE)

0
19

HOOD REMAINED ON VEHICLE

1
20

REAR EDGE OF HOOD- -ELEVATED

1
21

-CONTACTED WINDSHIELD

1
22

-PENETRATED WINDSHIELD

1
23

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE
(2) COWL AREA
(3) SIDE
(8) NOT APPLICABLE
(9) UNKNOWN

1
24

ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO
(1) YES
(9) UNKNOWN

0
25

STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE
(1) FLEXIBLE MATERIAL
(2) POT
(3) SINGLE U-JOINT
(4) DOUBLE U-JOINT
(5) FLEXIBLE CABLE
(6) COMBINATION OF ABOVE
(CIRCLE EACH)
(7) OTHER: _____
(8) EQUIPPED, TYPE UNKNOWN
(9) UNKNOWN, IF EQUIPPED

9
26

COUPLING- -DAMAGED

9
27

(USE CODES
FROM HOOD
PERFORMANCE)

-SEPARATED
(COMPLETE)

9
28

ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED
(01) - (07) SEE UNITS ON PAGE ED-2
(88) NOT COLLECTED
(97) OTHER: _____
(98) EQUIPPED, TYPE UNKNOWN
(99) UNKNOWN IF EQUIPPED

8 8
29 30

ORIGINAL LENGTH (mm)

F (OR H): _____

TELESCOPED LENGTH (mm)

G: _____

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED
(991) NOT MEASURED/NO
COMPRESSION
(992) COMPRESSED, AMOUNT
UNKNOWN
(993) DEVICE EXTENDED
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT
EQUIPPED)
(999) UNKNOWN

8 8 8
31 32 33

LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

0
 34

LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
 (1) YES
 (4) NO SEPARATION, BUT DAMAGED
 (8) NOT APPLICABLE (NOT EQUIPPED)
 (9) UNKNOWN

-A-PILLAR, UPPER

0
 35

LOWER

0
 36

-B-PILLAR, UPPER

0
 37

LOWER

0
 38

-C-PILLAR, UPPER

0
 39

LOWER

8
 40

-D-PILLAR, UPPER

8
 41

LOWER

8
 42

LEFT DOORS

HOW DID DOORS
OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
 (2) DOOR-LATCH SEPARATION
 (3) LATCH-STRIKER SEPARATION
 (4) STRIKER-PILLAR SEPARATION
 (5) BODY DISTORTION
 (6) COMBINATION OF ABOVE
 (CIRCLE EACH)
 (7) OPENED, REASON UNKNOWN

- (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

-FRONT

0
 43

-REAR

8
 44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
 (1) YES
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

-FRONT

0
 45

-REAR

8
 46

REAR DOOR

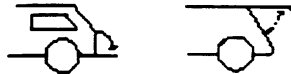
REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

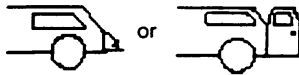
Hatchback



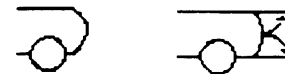
One-way



Two-way



Clamshell



Single door



Double door

HOW DID DOOR
OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

0
47

2
48

8
49

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA
DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

8
50

SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

8
51

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

0
52

TRAILER TYPE
(AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: _____
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

0
53

RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

0
 54

RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
 (1) YES
 (4) NO SEPARATION, BUT DAMAGED
 (8) NOT APPLICABLE (NOT EQUIPPED)
 (9) UNKNOWN

-A-PILLAR, UPPER

4
 55

LOWER

4
 56

-B-PILLAR, UPPER

4
 57

LOWER

4
 58

-C-PILLAR, UPPER

4
 59

LOWER

8
 60

-D-PILLAR, UPPER

8
 61

LOWER

8
 62

RIGHT DOORS

HOW DID DOORS
OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION
 (02) DOOR-LATCH SEPARATION
 (03) LATCH-STRIKER SEPARATION
 (04) STRIKER-PILLAR SEPARATION
 (05) BODY DISTORTION
 (06) COMBINATION OF ABOVE
 (CIRCLE EACH)
 (07) OPENED, REASON UNKNOWN
 (11) VAN RIGHT-REAR DOOR OPENED
 (ANY MECHANISM)

(98) NOT APPLICABLE (NO DOOR)

(99) UNKNOWN

-FRONT

0 0
 63 64

-REAR

9 8
 65 66

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
 (1) YES
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

-FRONT

1
 67

-REAR

8
 68

VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR
 (1) TRACK (SLIDING) - RIGHT SIDE
 (2) SINGLE-HINGED - RIGHT SIDE
 (3) DOUBLE-HINGED - RIGHT SIDE
 (4) TRACK (SLIDING) - RIGHT & LEFT SIDE
 (5) SINGLE-HINGED - RIGHT & LEFT SIDE
 (6) DOUBLE-HINGED - RIGHT & LEFT SIDE
 (7) TRACK AND HINGED COMBINATION
 (8) NOT APPLICABLE (NOT A VAN)
 (9) UNKNOWN

8
 69

WINDSHIELD DAMAGE

WINDSHIELD CRACKED

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

WINDSHIELD BROKEN
(PLASTIC INTERLAYER TORN)

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

CRACKED OR BROKEN
BY OCCUPANT CONTACT

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

EXTENT OF BOND SEPARATION

- (0) NONE
 (1) 1 - 20%
 (2) 21 - 40
 (3) 41 - 60
 (4) 61 - 80
 (5) 81 - 99
 (6) TOTAL
 (7) SEPARATED, AMOUNT
 UNKNOWN
 (8) NOT APPLICABLE
 (9) UNKNOWN

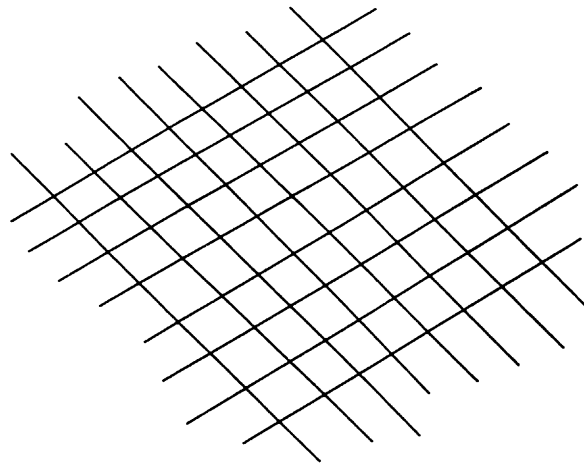
1
70

1
71

1
72

0
73

WINDSHIELD MARK ON CASE VEHICLE:



WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED
 (98) NOT APPLICABLE (NO WINDSHIELD)
 (99) UNKNOWN

99
74 75

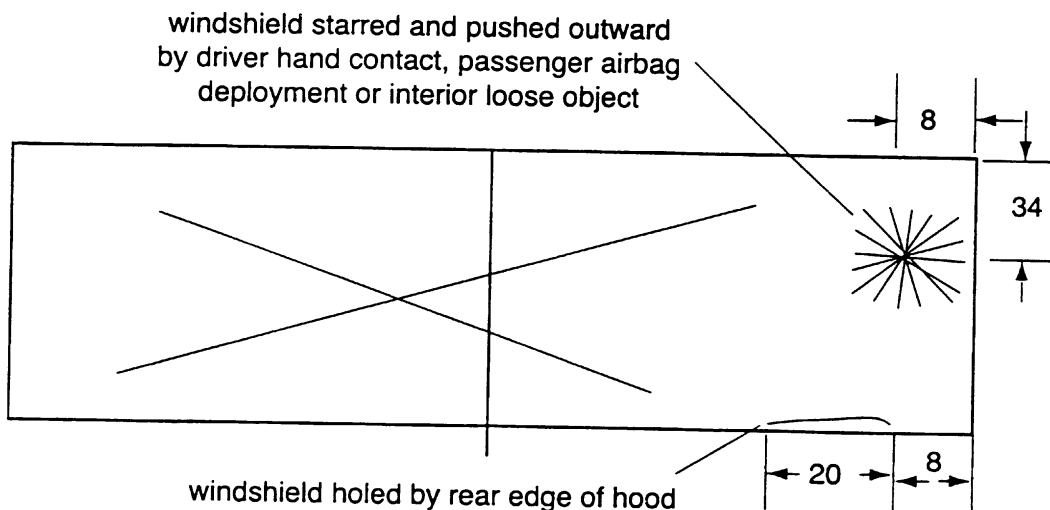
Roof

DID T-ROOF/SUN ROOF OPEN
DURING COLLISION?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (NOT A T-ROOF OR SUN ROOF)
 (9) UNKNOWN

8
76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



STEERING WHEEL

STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0
13

NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

4
14

STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0
15

STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE
NORMAL TOP OF THE WHEEL POINTED
WHEN THE COLLISION OCCURRED?

EXAMPLES

O'CLOCK = 1 2



(NORMAL STRAIGHT
AHEAD)

O'CLOCK = 9 2



O'CLOCK = 99

(99) UNKNOWN

STEERING WHEEL ENERGY ABSORBING DEVICE



(1) EXAMPLES:

BARRACUDA, 70 - 74
CHALLENGER, 70 - 74
CAPRI, 71 - 77



(2) EXAMPLES:

OMNI, 78 -
HORIZON, 78 -

STEERING COLUMN OPTIONS

TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

3
16

SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
17

TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
18

TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: _____
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8
19

ORIGINAL DIMENSION (mm)

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT
COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8
20 22

STEERING COLUMN ENERGY ABSORBING DEVICE

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
(88) NOT COLLECTED
(99) UNKNOWN

8 8
23 24

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48,
OR 49 ABOVE)
OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ± 10)

- (888) NOT COLLECTED
(991) NOT MEASURED/NO APPARENT
COMPRESSION
(992) COMPRESSED, AMOUNT UNKNOWN
(993) DEVICE EXTENDED
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT EQUIPPED)
(999) UNKNOWN

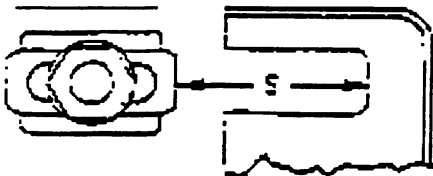
8 8 8
25 27

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
(991) NOT MEASURED/NO APPARENT
SEPARATION
(992) SEPARATED, AMOUNT UNKNOWN
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT EQUIPPED)
(999) UNKNOWN

8 8 8
28 30

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
(1) UPWARD APPARENT ROTATION
(2) DOWNWARD APPARENT ROTATION
(9) UNKNOWN

0
31

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
(1) LEFT APPARENT ROTATION
(2) RIGHT APPARENT ROTATION
(9) UNKNOWN

0
32

STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE
(1) OCCUPANT CONTACT
(2) AIRBAG
(3) OTHER _____
(9) UNKNOWN

0
33

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1 = Definitely 2 = Probably 3 = Possible

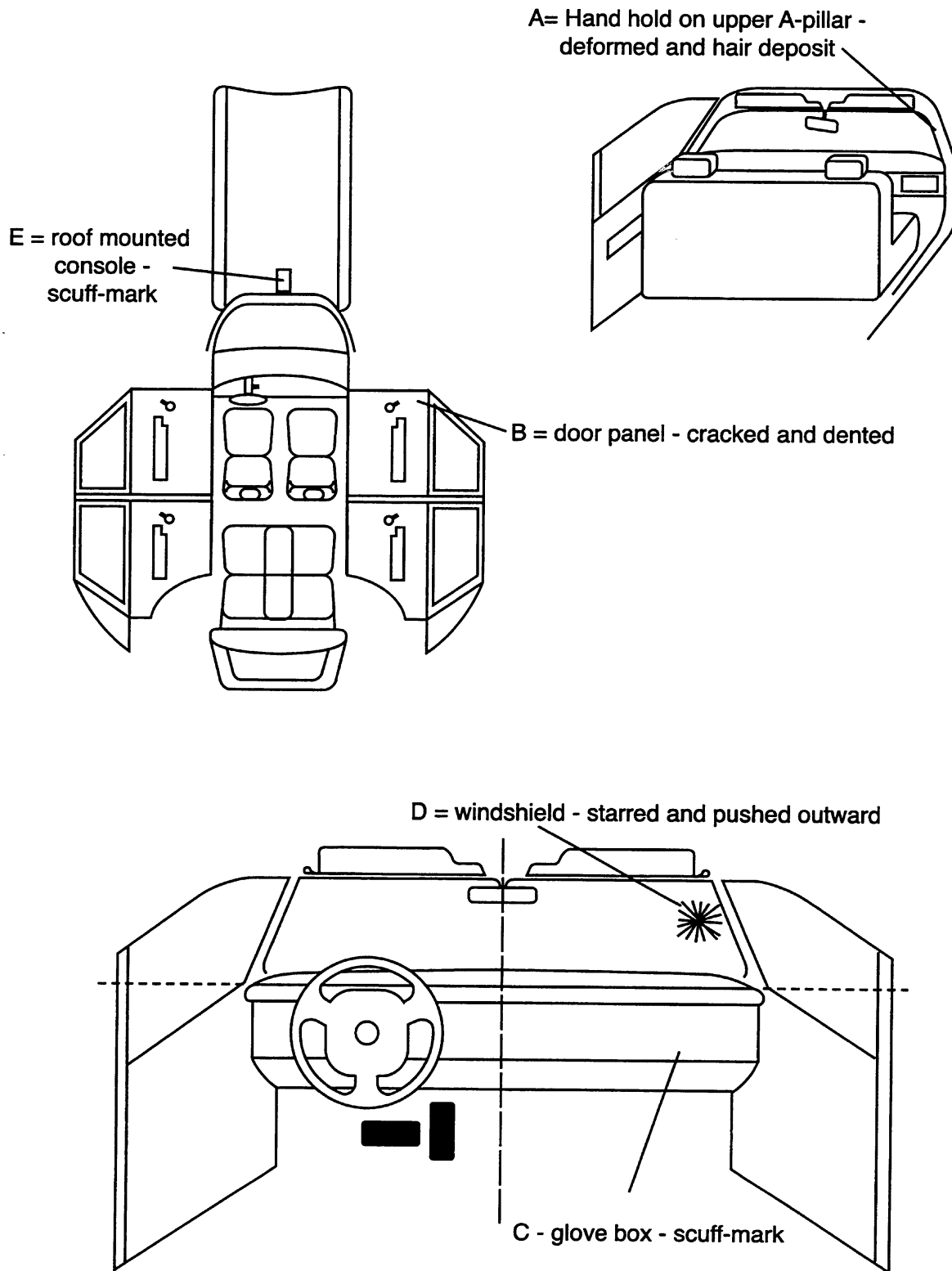
INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	—	Intruded Value	= Intrusion	
			—		=	
			—		=	
			—		=	
			—		=	
			—		=	
			—		=	
			—		=	
			—		=	
			—		=	
			—		=	
			—		=	

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Hand hold on upper A-pillar	DR	Rt. arm	Deformed and hair deposit	1
B	Right door panel	DR	Rt. thigh	plastic cracked and dented	1
C	Glove box	DR	Rt. Leg	Scuff-mark	2
D	Windshield	DR	Rt. hand	Starred and pushed outward	2
E	Roof mounted console	DR	Head	Scuff-mark	3
F					
G					
H					

VEHICLE OCCUPANT CONTACT DIAGRAM



CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- | | | | |
|--------------------------|-----------------|-------------------|---|
| (1) LEFT | (3) RIGHT | | INDIVIDUAL SEAT |
| (1) LEFT | (2) CENTER | (3) RIGHT | BENCH: FULL WIDTH 3 PASSENGER |
| (1) LEFT | (2) LEFT CENTER | (6) RIGHT CENTER | (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT | (2) CENTER | (5) RIGHT & | BENCH: PARTIAL WIDTH, LEFT AISLE SPACE |
| (0) LEFT & SPACE | (2) CENTER | (5) RIGHT & | BENCH: PARTIAL WIDTH, CENTERED SPACE |
| (4) ENTIRE VEHICLE WIDTH | | CARGO AREA | |

EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR
5 PASSENGERS

X	X	11	13
X	X	X	21 22 23

VAN
12 PASSENGER CAPACITY

X	X	11	13	
X	X	X	21 22 25	
X	X	X	31 32 35	
X	X	X	X	41 42 46 43

CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
 (Y) Y-AXIS (LATERAL)
 (Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT
NUMBERINJURY
NUMBERCONTACT

(00)

(00)

NO CONTACT

(##)

(00)

CONTACT, NO INJURY

(97)

(99)

CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN

(99)

(00) OR (99)

UNKNOWN IF CONTACT

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER
COMPARTMENT BUT PART
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS
INTRUDED INTO A SINGLE OCCUPANT SPACE.

- | | |
|------------------------|-------------------------|
| (50) WINDSHIELD HEADER | (60) ROOF |
| A-PILLAR | ROOF RAIL |
| ROOF SIDE RAIL | A-PILLAR |
| | B-PILLAR |
| | C-PILLAR |
| (51) INSTRUMENT PANEL | WINDOW FRAME |
| A-PILLAR | DOOR PANEL |
| DOOR PANEL | FLOOR PAN |
| (52) INSTRUMENT PANEL | |
| A-PILLAR | (61) INSTRUMENT PANEL |
| WINDSHIELD HEADER | TOE PAN |
| | WINDSHIELD HEADER |
| | A-PILLAR |
| (53) DOOR PANEL | ROOF RAIL |
| B-PILLAR | WINDOW FRAME |
| ROOF RAIL | DOOR PANEL |
| | ROOF |
| (54) DOOR PANEL | |
| A-PILLAR | (62) ROOF |
| ROOF RAIL | ROOF RAIL |
| | C-PILLAR |
| (55) INSTRUMENT PANEL | WINDOW FRAME |
| FLOOR PAN | FLOOR PAN |
| A-PILLAR | SECOND SEAT |
| DOOR FRAME | DOOR PANEL |
| (56) ROOF RAIL | |
| A-PILLAR | (63) ROOF RAIL |
| B-PILLAR | ROOF |
| WINDOW FRAME | B-PILLAR |
| | WINDOW FRAME |
| (57) ROOF RAIL | FLOOR PAN |
| A-PILLAR | DOOR PANEL |
| B-PILLAR | SECOND SEAT |
| C-PILLAR | FRONT SEAT |
| DOOR PANEL | |
| (58) ROOF | (64) ROOF RAIL |
| ROOF RAIL | ROOF OR CONVERTIBLE TOP |
| WINDOW FRAME | A-PILLAR |
| DOOR PANEL | B-PILLAR |
| | WINDOW FRAME |
| (59) BACKLIGHT HEADER | WINDOW HEADER |
| ROOF | |
| C-PILLAR | (65) WINDSHIELD |
| THIRD SEAT-BACK | WINDSHIELD HEADER |
| | ROOF SIDE RAIL |
| | |
| | (66) WINDSHIELD |
| | WINDSHIELD HEADER |
| | A-PILLAR |
| | |
| | (98) NOT APPLICABLE |
| | (99) UNKNOWN |

Duplicate columns 1-8
from the previous card.

Module 1 T Format 0 1
9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION? 0

13

WAS INTRUSION CATASTROPHIC?

14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
(1) YES ANSWER NEXT QUESTION.
(9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.
(1) YES SKIP PAGE.

Duplicate columns 1-8
from the previous card.

Module 1 T Format 0 2
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS *CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.*
CODES FOR B, F, G, H, I, J ON PAGE IT-3
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 1</u>	— —	— — —	—	— — —	— — —	— — —	— — —	— — —	— — —	— — —
<u>0 2</u>	— —	— — —	—	— — —	— — —	— — —	— — —	— — —	— — —	— — —
<u>0 3</u>	— —	— — —	—	— — —	— — —	— — —	— — —	— — —	— — —	— — —
<u>0 4</u>	— —	— — —	—	— — —	— — —	— — —	— — —	— — —	— — —	— — —
<u>0 5</u>	— —	— — —	—	— — —	— — —	— — —	— — —	— — —	— — —	— — —
<u>0 6</u>	— —	— — —	—	— — —	— — —	— — —	— — —	— — —	— — —	— — —
<u>0 7</u>	— —	— — —	—	— — —	— — —	— — —	— — —	— — —	— — —	— — —

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8
from the previous card.

Module 1 T Format 0 3
9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,
SKIP REMAINDER OF PAGE.

**SIDE DOOR INTRUSION
RESULTED FROM**

INTRUSION
NUMBER CAUSE

CODES
FOR CAUSE:

- | | | |
|----|----|-------------|
| 13 | 15 | (1) DIRECT |
| 16 | 18 | IMPACT |
| 19 | 21 | (2) INDUCED |
| | | DAMAGE |
| | | (9) UNKNOWN |

**IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED
DOOR INTRUSION, CODE COMPONENT**

INTRUSION
NUMBER

DAMAGED
COMPONENT 1

DAMAGED
COMPONENT 2

CODES
FOR COMPONENTS

A
22 23

—

25

B
26 27

—

29

C
30 31

—

33

D
34 35

—

37

- (0) NONE
(1) A-PILLAR
(2) B-PILLAR
(3) C-PILLAR
(4) LATCH/STRIKER
(5) HINGES
(7) OTHER:
(8) NOT APPLICABLE
(9) UNKNOWN

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE -

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
 CODES FOR B, F, G, H, I, J ON PAGE IT-3
 CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 8	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
0 9	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 0	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 1	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 2	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 3	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 4	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 5	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 6	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 7	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 8	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
1 9	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
2 0	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
2 1	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
2 2	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
2 3	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
2 4	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
2 5	— —	— —	—	— —	— —	— —	— —	— —	— —	— —

Duplicate columns 1-8
from the previous card.

Module I D Format 0 1
9 10 11 12

INTERIOR DAMAGE

ID-1

CODES:

- (0) NO
(1) YES
(3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT
(8) NOT APPLICABLE
(9) UNKNOWN

	LEFT	RIGHT				
SIDES			FRONT		INSTRUMENT PANEL	
FRONT DOOR	<u>0</u> 13	<u>4</u> 14	FOOT CONTROLS	<u>0</u> 45	UPPER PANEL	<u>0</u> 55
FRONT HARDWARE	<u>0</u> 15	<u>4</u> 16	IGNITION KEYS	<u>0</u> 46	MID PANEL	<u>0</u> 56
FRONT ARMREST	<u>0</u> 17	<u>0</u> 18	REAR VIEW MIRROR	<u>0</u> 47	LOWER PANEL	<u>0</u> 57
FRONT GLASS	<u>0</u> 19	<u>1</u> 20	SUNVISOR/FITTINGS	<u>0</u> 48	ASHTRAY	<u>0</u> 58
REAR DOOR AREA	<u>0</u> 21	<u>0</u> 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	<u>0</u> 59
REAR HARDWARE	<u>0</u> 23	<u>0</u> 24	WINDSHIELD TOP MOLDINGS	<u>0</u> 49	GLOVE COMPARTMENT AREA	<u>3</u> 60
REAR ARMREST	<u>8</u> 25	<u>8</u> 26	LEFT A-PILLAR (UPPER OR LOWER)	<u>0</u> 50	INSTRUMENTS	<u>0</u> 61
REAR GLASS	<u>1</u> 27	<u>0</u> 28	RIGHT A-PILLAR (UPPER OR LOWER)	<u>4</u> 51	PARKING BRAKE RELEASE	<u>0</u> 62
ROOF SIDE RAIL	<u>0</u> 29	<u>1</u> 30	CENTER CONSOLE	<u>0</u> 52	PARKING BRAKE PEDAL	<u>0</u> 63
B-PILLAR	<u>0</u> 31	<u>0</u> 32	TRANSMISSION SELECTOR LEVER	<u>0</u> 53	A/C OR UPPER VENT OUTLETS	<u>0</u> 64
C-PILLAR	<u>0</u> 33	<u>0</u> 34	RIM, HORN, SPOKE	<u>0</u> 54	HEATER OR A/C DUCTS	<u>0</u> 65
D-PILLAR	<u>8</u> 35	<u>8</u> 36			RADIO	<u>0</u> 66
HEADLINING	<u>0</u> 37	<u>1</u> 38			OTHER: * _____	<u>8</u> 67
ROOF STRUCTURE	<u>0</u> 39	<u>1</u> 40				
T-ROOF/SUN ROOF	<u>8</u> 41	<u>8</u> 42				
OTHER: * _____	<u>8</u> 43	<u>8</u> 44				
					REAR	
					WINDOW	<u>0</u> 68
					WINDOW HEADER	<u>0</u> 69
					CONSOLES	
					VERTICAL	<u>8</u> 70
					ROOF	<u>3</u> 71

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8
from the previous card.

Module S T Format 0 2
9 10 11 12

SEATS

ST-1

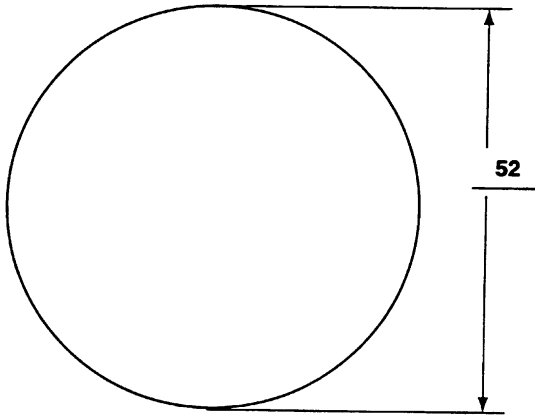
FRONT SEAT	DRIVER	PASSENGER	FRONT SEAT-BACK	DRIVER	PASSENGER
TYPE OF FRONT SEAT (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: <u>buckets with center seat</u> (99) UNKNOWN	<u>9</u> 13	<u>7</u> 14	SEAT-BACK TYPE (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 30	<u>1</u> 31
TYPE OF SEAT MOUNT (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 17	<u>1</u> 18	SEAT-BACK LOCK TYPE (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 32	<u>1</u> 33
SWIVEL MECHANISM EQUIPPED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 19	<u>0</u> 20	LOCKS HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 34	<u>1</u> 35
ORIGINAL EQUIPMENT SEATS (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 21	<u>1</u> 22	RECLINER MECHANISM HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 36	<u>1</u> 37
CONTACT OF SEAT BY REAR OCCUPANT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>8</u> 23	<u>8</u> 24	HEAD RESTRAINT HEAD RESTRAINT TYPE (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>2</u> 38	<u>2</u> 39
FRONT SEAT DAMAGE (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 25	<u>0</u> 26	REMOVED PRE-CRASH (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>8</u> 40	<u>8</u> 41
CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	<u>0</u> 27		ADJUSTMENT AT CRASH (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN	<u>8</u> 42	<u>8</u> 43
FRONT SEAT ROTATION (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 28	<u>0</u> 29	HEAD RESTRAINT DAMAGE (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 44	<u>0</u> 45

FRONT SEAT ADJUSTMENT		DRIVER	PASSENGER	SECOND SEAT (CONT.)	
SEAT ADJUSTMENT TYPE				CENTER ARMREST DAMAGED	
(0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN		<u>2</u> 46	<u>1</u> 47	<u>8</u> 60	
ADJUSTMENT PROVIDED		<u>2</u> 48	<u>1</u> 49	(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	
SEAT ADJUSTER DAMAGE		<u>0</u> 50	<u>0</u> 51	SECOND SEAT-BACK	
(0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN				LEFT	RIGHT
SEAT ADJUSTER SEPARATION				LOCKS	
(0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 52	<u>8</u> 53	FOR THE FOLLOWING, USE:	
PRE-CRASH POSITION		<u>2</u> 54	<u>3</u> 55	(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
(0) NONE (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN				LEFT OR CENTER, EQUIPPED	<u>0</u> 62
				LEFT OR CENTER, HELD	<u>3</u> 63
				(3) SEAT FOLDED DOWN	
				RIGHT, EQUIPPED	<u>0</u> 65
				RIGHT, HELD	<u>8</u> 67
				(3) SEAT FOLDED DOWN	<u>3</u> 68
				THIRD SEAT	
SECOND SEAT		LEFT	RIGHT	EQUIPPED	
TYPE OF SECOND SEAT				BACKREST DAMAGED	
(0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN		<u>2</u> 56	<u>2</u> 57	<u>8</u> 71	
SECOND SEAT DAMAGE				CUSHION DAMAGED	
(0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 58	<u>0</u> 59	<u>8</u> 73	
				<u>8</u> 74	
				VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS	
				(0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN	
				Applies to any rear-seat position	
				<u>0</u> 75	

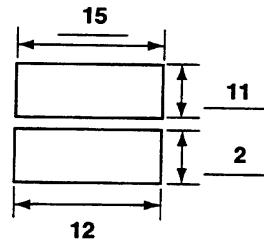
<p>DRIVER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 13</p> <p><u>1</u> 14</p>	<p>PASSENGER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 16</p> <p><u>1</u> 17</p>
<p>CONDITION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 15</p>	<p>CONDITION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 18</p>
<p>—</p>			
<p>DRIVER SIDE</p> <p>AIRBAG</p> <p>STEERING WHEEL</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 19</p> <p><u>0</u> 20</p>	<p>PASSENGER SIDE</p> <p>AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 21</p> <p><u>0</u> 22</p>

AIRBAG NUMBER ON DRIVER SIDE: [REDACTED]

Driver Airbag



Driver Airbag Doors

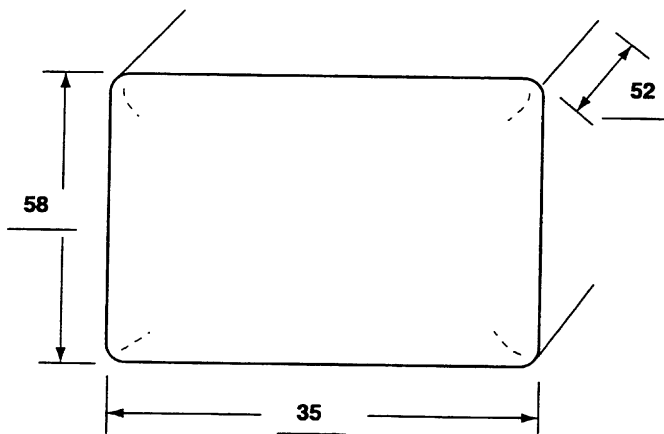


Vents: Y ☒ N
if yes, how many: _____

Tethers: ☒ Y N
if yes, how many: 2

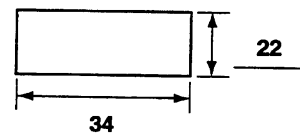
AIRBAG NUMBER ON PASSENGER SIDE: [REDACTED]

Passenger Airbag



Passenger Airbag Door

Single Door



Vents: Y ☒ N
if yes, how many: _____

Tethers: ☒ Y N
if yes, how many: 2

NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8
from the previous card.

Module 0 C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

01
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER
- (2) MOTOR VEHICLE PASSENGER
(NOT DRIVER)
- (9) UNKNOWN

1
15

OCCUPANT POSITION

ROW LOCATION

- (1) FRONT
- (2) SECOND
- (3) THIRD
- (4) FOURTH
- (7) OTHER: _____
- (8) EXTERNAL TO PASSENGER
COMPARTMENT (E.G. BED OF PICKUP)
- (9) UNKNOWN

1
16

LATERAL LOCATION

- (1) LEFT
- (2) LEFT CENTER
- (3) CENTER
- (4) RIGHT CENTER
- (5) RIGHT
- (6) ALL (LYING ON SEAT)
- (8) EXTERNAL TO PASSENGER
COMPARTMENT
- (9) UNKNOWN

4
17

POSTURE

- (10) SITTING ON SEAT
- (11) SITTING ON SEAT IN ABNORMAL
POSITION (E.G. FEET ON DASH,
SIDEWAYS)
- (12) SITTING ON CONSOLE
- (20) ON LAP OR IN ARMS
- (30) STANDING ON SEAT
- (40) STANDING ON FLOOR
- (47) STANDING, EXTERNAL TO
PASSENGER COMPARTMENT
- (50) IN BASSINET
- (60) IN CHILD SEAT
- (65) IN CHILD HARNESS
- (70) LYING ON SEAT
- (80) LYING/SITTING ON PASSENGER
FLOOR
- (83) LYING/SITTING ON OTHER
OBJECT IN PASSENGER
COMPARTMENT: _____
- (85) ON CARGO FLOOR/FOLDED
SEAT-BACK
- (87) LYING/SITTING, EXTERNAL TO
PASSENGER COMPARTMENT
- (97) OTHER: *Sitting almost completely*
- (99) UNKNOWN *on right seat with*
left foot on pedals,
driver is rural mail deliverer

97
18 19

PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR
- (98) 98 YEARS OR OLDER
- (99) UNKNOWN

42
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH
- (25) 25 MONTHS OR OLDER
- (99) UNKNOWN

25
22 23

MASS (kg)

- (999) UNKNOWN

(178 lb)

081
24 25 26

HEIGHT (cm)

- (999) UNKNOWN

(54, 7in)

170
27 28 29

SEX

- (1) MALE
- (2) FEMALE
- (9) UNKNOWN

2
30

MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE
- (01) FIRST AID AT SCENE
- (02) TREATED AT HOSPITAL/CLINIC
BUT NOT ADMITTED
- (03) HOSPITALIZED FOR OBSERVATION
LESS THAN 24 HOURS
- (04) HOSPITALIZED OVER 24 HOURS
OR FOR SIGNIFICANT TREATMENT
- (05) FATAL, DEAD AT SCENE
- (06) FATAL, DOA
- (07) FATAL, DEAD WITHIN 24 HOURS
- (08) FATAL, DEAD 24 HOURS TO
31 DAYS LATER
- (09) FATAL, DEAD 31 DAYS TO
1 YEAR LATER
- (10) FATAL DEAD WITHIN UNKNOWN
PERIOD
- (99) UNKNOWN

02
31 32

INJURY SEVERITY SCORE (ISS)

- (99) UNKNOWN

02
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE
- (1) YES, TIME & TYPE UNKNOWN
- (2) PRE-CRASH FATAL (CLINICAL
DEATH AT WHEEL)
- (3) PRE-CRASH NON-FATAL (E.G.
PRIOR INJURY, STROKE)
- (4) PREGNANT
- (5) POST-CRASH FATAL (DROWNING)
- (6) POST-CRASH NON-FATAL INJURY
- (7) OTHER: _____
- (8) COMBINATION OF ABOVE
(CIRCLE EACH)
- (9) UNKNOWN

0
35

OCCUPANT INFORMATION OC-2

<p>MEDICAL CONDITIONS (CONT.)</p> <p>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</p> <p>(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN</p>	<p><u>2</u> 36</p>	<p>CHILD SEAT TYPE</p> <p>(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN</p> <p>CHILD SEAT MAKE/MODEL</p> <p>_____ _____ _____</p>	<p><u>88</u> 41 42</p>
<p>RESTRAINT SYSTEM</p> <p>ACTIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN</p> <p>ACTIVE RESTRAINT SYSTEM USAGE</p> <p>(0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM USAGE</p> <p>(0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN</p>	<p><u>3</u> 37</p> <p><u>9</u> 38</p> <p><u>1</u> 39</p> <p><u>2</u> 40</p>	<p>EJECTION</p> <p>DEGREE OF EJECTION</p> <p>(0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED</p> <p>AREA OF EJECTION</p> <p>(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED</p>	<p><u>0</u> 43</p> <p><u>98</u> 44 45</p>
<p>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</p> <p>_____ _____ _____ _____</p>			
		<p>HEAD RESTRAINT</p> <p>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</p> <p>(0) NOT-EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN</p>	<p><u>1</u> 46</p>

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER _____
- (8) NOT APPLICABLE
- (9) UNKNOWN

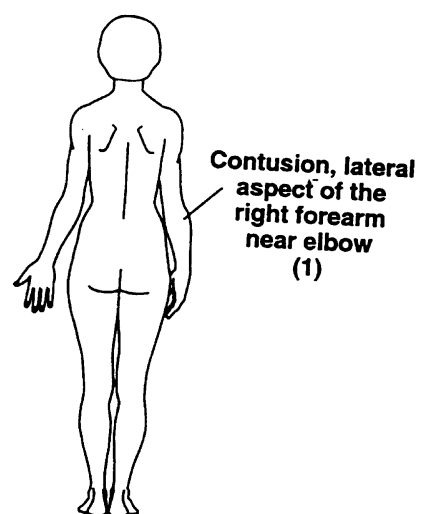
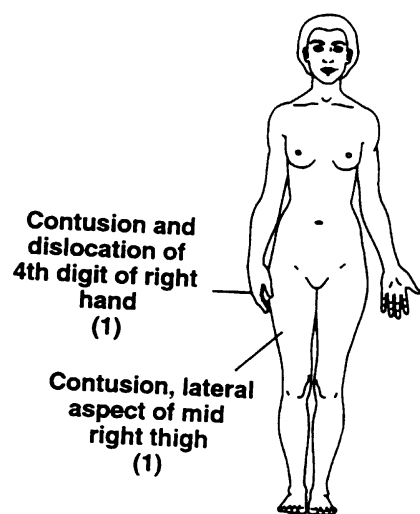
9
47

SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER _____
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

1
48

INDICATE LOCATION OF INJURIES.



NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

[illegible]

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. *OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. *OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

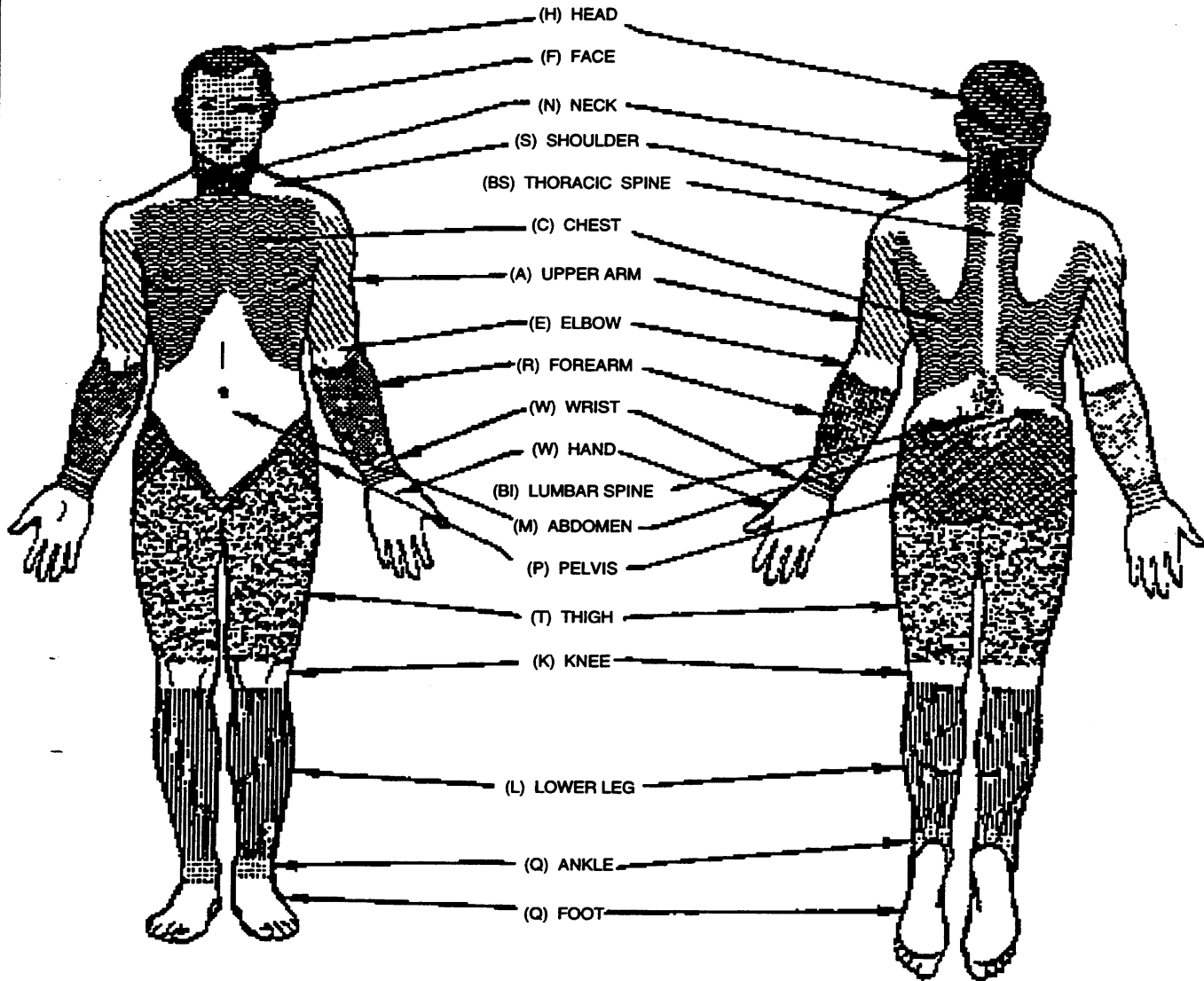
PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (E.G. *FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION

(H) HEAD/SKULL
(F) FACE
(N) NECK
(S) SHOULDER
(X) UPPER EXTREMITIES
(A) ARM (*UPPER*)
(E) ELBOW
(R) FOREARM
(W) WRIST/HAND
(C) CHEST
(M) ABDOMEN
(B) BACK
(P) PELVIC/HIP
(Y) LOWER EXTREMITIES
(T) THIGH
(K) KNEE
(L) LEG (*LOWER*)
(Q) ANKLE/FOOT
(O) WHOLE BODY
(U) UNKNOWN

3 LESION

(L) LACERATION
(C) CONTUSION
(A) ABRASION
(F) FRACTURE
(P) PERFORATION, PUNCTURE
(K) CONCUSSION
(V) AVULSION
(R) RUPTURE
(S) SPRAIN
(D) DISLOCATION
(N) CRUSH
(M) AMPUTATION
(B) BURN
(G) DETACHMENT, SEPARATION
(Z) FRACTURE AND DISLOCATION
(T) STRAIN
(E) TOTAL SEVERANCE, TRANSECTION
(O) OTHER
(U) UNKNOWN

4 SYSTEM/ORGAN

(S) SKELETAL
(V) VERTEBRAE
(J) JOINTS
(D) DIGESTIVE
(L) LIVER
(N) NERVOUS SYSTEM
(B) BRAIN
(C) SPINAL CORD
(E) EARS
(O) EYES
(A) ARTERIES
(H) HEART
(Q) SPLEEN
(G) UROGENITAL
(K) KIDNEYS
(R) RESPIRATORY
(P) PULMONARY/LUNGS
(M) MUSCLES
(T) THYROID, OTHER ENDOCRINE GLAND
(I) INTEGUMENTARY (*SKIN*)
(W) ALL SYSTEMS IN REGION
(U) UNKNOWN

2 ASPECT

(R) RIGHT
(L) LEFT
(B) BILATERAL
(C) CENTRAL
(A) ANTERIOR/FRONT
(P) POSTERIOR/BACK
(S) SUPERIOR/UPPER
(I) INFERIOR/LOWER
(W) WHOLE REGION
(U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

5 SEVERITY (OR "AIS", ABBREVIATED INJURY SCALE)

(0) NONE
(1) MINOR
(2) MODERATE
(3) SERIOUS
(4) SEVERE
(5) CRITICAL
(6) MAXIMUM
(9) UNKNOWN

Case No.: 2024-00

Case Veh. #1: 2008 Dodge

Type: Canada B/LT, 4 x 4, 2-door pickup

Driver: 48-year-old female

Vel. (ft): 1000 Road P-2000, 4 x 4, 2-door pickup

Light Conditions: Daylight

Weather: Clear

Road Surface: Dry

Road Construction: Asphalt



Speed Limit 20



PN 22500 #1



PN 22500 #2



PN 22500 #3



PN 22500 #4



PN 22500 #5



PN 22500 #6
Best Available



PN 22500 #7
Best Available



PN 22500 #8
Best Available



PN 22500 #9



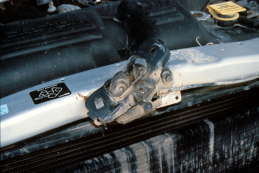
PN 22500#10



PN 22500 #11



PN 22500 #12



PN 22500 #13



PN 22500 #14



PN 22500 #15



PN 22500 #16



PN 22500 #17



PN 22500 #18



PN 22500 #19
Best Available



PN 22500 #20
Best Available



PN 22500 #21
Best Available



PN 22500 #22
Best Available



PN 22500 #23
Best Available



PN 22500 #24
Best Available



PN 22500 #25
Best Available



PN 22500 #26
Best Available



PN 22500 #27
Best Available



PN 22500 #28
Best Available



PN 22500 #29
Best Available



PN 22500 #30



PN 22500 #31



PN 22500 #32



PN 22500 #33



PN 22500 #34



PN 22500 #35



PN 22500 #36



PN 22500 #37



PN 22500 #38



PN 22500 #39



PN 22500 #40



PN 22500 #41



PN 22500 #42



PN 22500 #43



PN 22500 #44



PN 22500 #45



PN 22500 #46



PN 22500 #47



PN 22500 #48



PN 22500 #49

CASE NO.: 225-00

CASE VEHICLE: 2000 Dodge

TYPE: Dakota (S&S), 4 x 4, 2-door pickup

OCCUPANT: Driver - 43-year-old female

STATURE: 178 cm (5'8, 7 1/2") MASS: 64 kg (141 lb)

RESTRAINTS: 3-point belt (gtg worn); frontal impact air bags - deployed

SEVERITY: MAIS - 1 ; ISS - 3

*Driver is a racial partial mtl carrier and she was sitting in the right-center seat area with her left foot operating the brake and gas pedals.

